harman/kardon hk725

owner's manual
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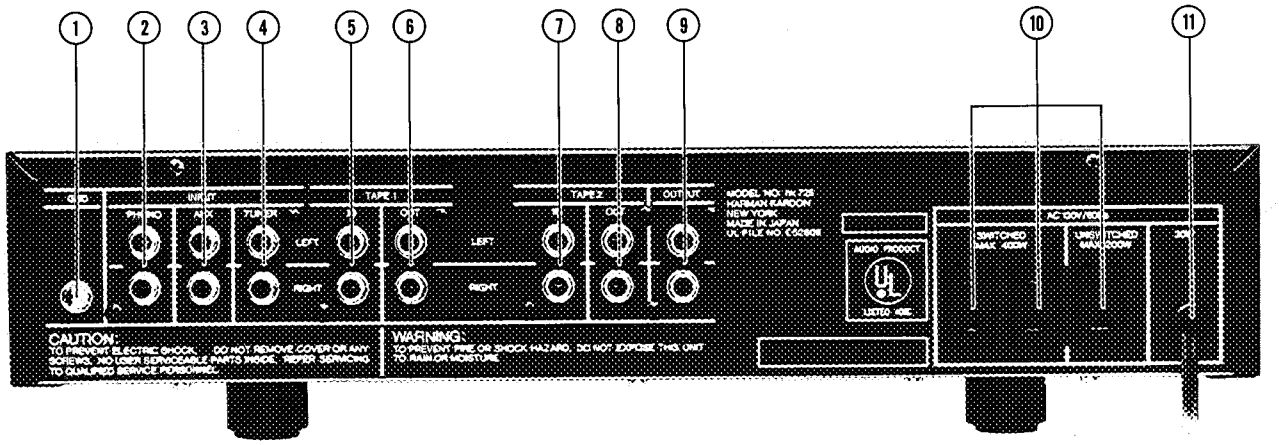
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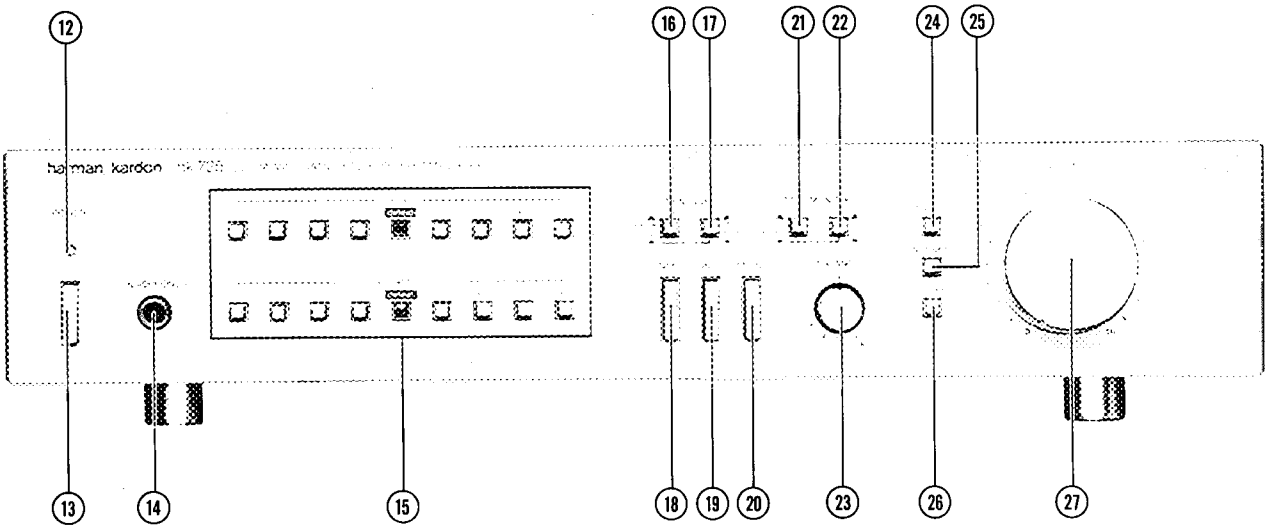
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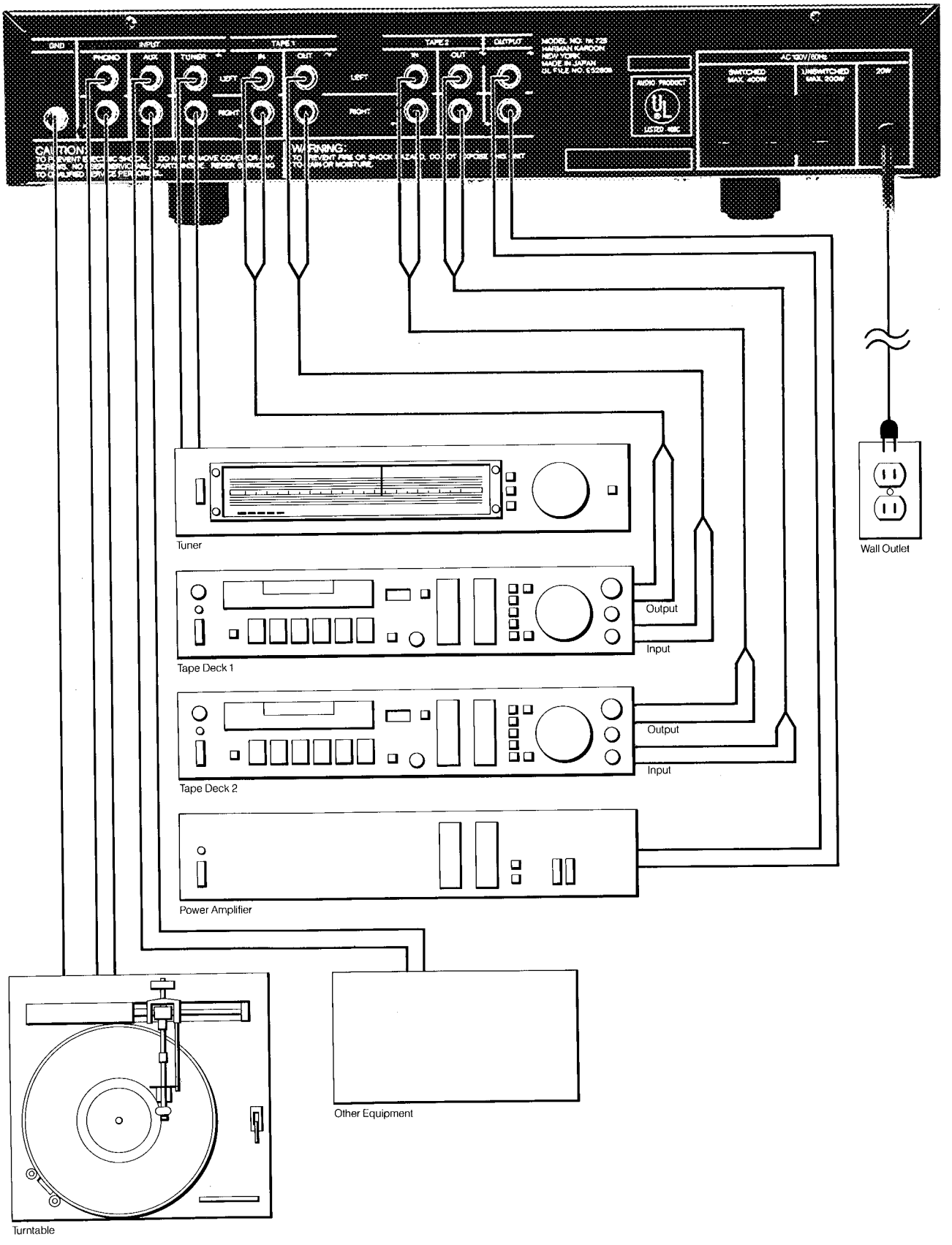
Tuner
Output
Input
Tape Deck 1
Output
Input
Tape Deck 2
Power Amplifier
Wall Outlet
Other Equipment
Turntable

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Owner's Manual hk725

Your investment in a component high fidelity system indicates you have a more than average interest in music. The fact that your investment includes a Harman Kardon Ultrawideband Stereo Preamplifier shows us your appreciation of uncompromised reproduction of the music you enjoy. Throughout the design and manufacture of this unit, we made every effort to assure it will meet all of your expectations.

To ensure continuing high performance, read this manual carefully before you connect and operate your hk725.

Warning

To prevent fire or shock hazard. Do not expose this appliance to rain or moisture.

Connections

For the moment, leave the POWER LINE CORD (11) of the hk725 unconnected. Put the unit on the shelf or table where it will be installed. Leave enough working space so you can make all connections easily.

The hk725 requires adequate ventilation. It should not be installed on a cushion or rug, and a minimum of two inches' (5cm) clearance should be provided above and behind. (However, hk700 series may be stacked.)

Like most stereo equipment, your hk725 is fitted with pin type RCA connectors to accept standard pin type RCA patch cords. If these are not compatible with your other equipment, consult your audio dealer for patch cords with proper adaptors.

Connecting your turntable to the hk725

Turntables are supplied with their own signal cables. Consult the owner's manual and determine which cable is for the left channel and which is for the right channel. Insert the left channel cable into the left PHONO INPUT connector (2) on your hk725. Insert the right channel cable into the right PHONO INPUT connector (2). Push the plugs in all the way so they are firmly seated, making good electrical contact.

If your turntable has a separate ground wire, connect it to the knurled thumbscrew on the preamplifier marked GND (1).

Connecting your tuner to the hk725

To connect a tuner, connect the left output connector of your tuner to the left TUNER INPUT (4) on the hk725. Similarly connect the right output connector of your tuner to the right TUNER INPUT on the hk725.

Push the plugs in all the way so they are firmly seated, making good electrical contact.

Connecting your tape decks to the hk725

To connect a tape deck, connect the left output connector of your tape deck to the left TAPE 1 INPUT connector (5) on your hk725. Now connect the right output connector of your deck to the right TAPE 1 INPUT connector (5) on your hk725.

Using a second pair of patch cords, connect the left input connector of your deck to the left TAPE 1 OUTPUT connector (6) on your hk725. Now connect the right input connector of your deck to the right TAPE 1 OUTPUT (6) on your hk725. Push the plugs in all the way so they are firmly seated, making good electrical contact.

A second tape deck may be connected similarly using the TAPE 2 INPUT and OUTPUT connectors (7)(8).

Connecting other equipment to the hk725

A pair of AUXILIARY INPUTS (3) is available at the rear of the hk725 for the connection of any "high level" output equipment. A special tuner for long wave, marine, aircraft or citizen's bands, etc., may be connected. Or you may choose to connect the output of the audio section of a television receiver. Any number of choices are available. Consult your audio dealer for information as to what equipment is compatible with your hk725.

Connecting the hk725 to your power amplifier

Connect the left OUTPUT connector (9) of the hk725 with the left input connector of your power amplifier. Similarly connect the right OUTPUT connector (9) of the hk725 with the right input of your power amplifier. Push the plugs in all the way so they are firmly seated, making good electrical contact.

AC Convenience outlets*

Three AC outlets (10) on the rear panel of the hk725 provide power connections for turntables, tape decks or other equipment. One is marked UNSWITCHED and provides power whether the preamplifier is turned on or not. Those marked SWITCHED provide power only when the preamplifier is turned on.

If you have completed the connections above, you are now ready to place the hk725 in its permanent position and plug the POWER LINE CORD (11) into an AC outlet. To turn the unit on and off, press the POWER switch (13). When power is on, the POWER indicator (12) will light.

To operate your hk725 control amplifier

To play records

Depress the PHONO pushbutton (20), activate your turntable, and advance the VOLUME control (27) clockwise to a comfortable level.

If you hear a hum at average listening levels, turn the POWER switch (13) off and check to see that phono and ground connections are secure.

To listen to your tuner

Depress the TUNER pushbutton (18), activate your tuner and advance the VOLUME control (27) clockwise to a comfortable level.

To play other functions

If you have connected other equipment to the AUXILIARY INPUT connectors (3), you may listen to this program source by pressing the AUXILIARY pushbutton (19).

To play tapes

The TAPE MONITOR pushbuttons (21)(22) admit programs from tape decks connected to the TAPE 1 INPUT connectors (5) and TAPE 2 INPUT connectors (7). When you wish to play a tape or program source connected to the TAPE 1 INPUT (5), depress the TAPE MONITOR SOURCE/MONITOR pushbutton (21) to its MONITOR position (in) and leave the TAPE MONITOR ½ pushbutton (22) in its TAPE 1 position (out). To play a tape or program from TAPE 2 INPUT connectors (7), keep the TAPE MONITOR SOURCE/MONITOR pushbutton (21) in the MONITOR position (in) and depress the TAPE MONITOR ½ pushbutton (22) to its TAPE 2 position (in).

To record tapes

The hk725 allows you to record programmed materials from any source selected by the function control pushbuttons (18)(19)(20).

Leave the TAPE COPY SOURCE/COPY pushbutton (16) in its SOURCE position (out). Activate the program source and place tape deck 1, tape deck 2 or both in record mode.

To listen to the original program, leave the TAPE MONITOR SOURCE/MONITOR pushbutton (21) in its SOURCE POSITION (out). To monitor the new recordings as they are being made press the TAPE MONITOR SOURCE/MONITOR pushbutton (21) to its MONITOR position (in) and select the tape deck to be monitored with the TAPE MONITOR ½ pushbutton (1—out, 2—in) (22).

The VOLUME control (27), BALANCE control (23), and various tone controls (15) do not affect the signal at the TAPE OUTPUT connectors (6)(8). Hence you may change the settings of these controls without altering a tape recording in progress.

*In some countries, owing to Safety Agency Electrical requirements, these AC receptacles are covered.

To copy tapes

When copying material from one tape deck to another, the TAPE COPY SOURCE/COPY pushbutton (16) should be pressed to the COPY position (in). To copy material from tape deck 1 on to tape deck 2, the TAPE COPY (1 to 2)/(2 to 1) pushbutton (17) should be left in the "1 to 2" position. Put tape deck 1 in the play mode and tape deck 2 in the record mode.

To copy material from tape deck 2 on tape deck 1, press the TAPE COPY (1 to 2)/(2 to 1) pushbutton (17) to the "2 to 1" position. Put tape deck 2 in the play mode and tape deck 1 in the record mode.

While copying material from one tape deck to another, you may listen to the original tape, the new recording, or any other program source selected by the function control pushbuttons (18)(19)(20). To listen to either tape deck, press the TAPE MONITOR SOURCE/MONITOR pushbutton (21) to its MONITOR position (in) and select the tape deck you wish to hear with the TAPE MONITOR ½ pushbutton (22). To listen to other program sources, leave the TAPE MONITOR SOURCE/MONITOR pushbutton (21) in its SOURCE position (out) and select the program source using the function control pushbuttons (18)(19)(20).

Volume/Balance Controls

To increase the listening volume, turn the VOLUME control (27) clockwise, to decrease listening volume, turn it counterclockwise. By rotating the BALANCE control (23) clockwise, you can shift the sound toward the right speaker. By rotating it counterclockwise, you can shift the sound toward the left speaker.

Tone controls

The bass and treble TONE CONTROL pushbuttons (15) affect the frequency balance of the program material. When the pushbuttons marked DEFEAT are pressed (in), the tone control circuits are switched off. High frequencies may be increased the desired amount by pressing TREBLE control pushbuttons (15) with positive numbers. High frequencies may be decreased the desired amount by pressing TREBLE control pushbuttons (15) with negative numbers. Low frequencies may be controlled similarly with the bass control pushbuttons (15).

Note: When treble and bass defeat pushbuttons are depressed (in), tone cannot be adjusted even when other treble and bass control buttons are pressed. The "defeat" buttons must be in the (out) positions for the tone controls to operate.

To minimize unwanted "hiss" or other high frequency noises, depress the HIGH CUT pushbutton (in) (24).

To filter out turntable rumble or other extremely low frequencies, press the SUBSONIC filter pushbutton (25) to its "on" position (in).

To boost lower frequencies during low volume listening, press the LOUDNESS pushbutton (26) to its "on" position (in).

Headphones

The front panel HEAD PHONES jack (14) accepts headphones for personal listening. To use headphone alone, you may turn all speakers off by means of the speaker selection switches on your power amplifier, or you may turn your power amplifier off.

Headphones may also be used simultaneously with speakers if desired.

Maintaining appearance

Clean the metal panel with mild, diluted detergent applied with a soft cloth or cotton swab. Never use a strong abrasive cleaner.

The hk725 is a high quality precision instrument. If the directions in the manual are followed thoughtfully, the pre-amplifier should provide many years of musical pleasure.

Note: On European models, the AC outlets (10) on the rear panel provides power connection for other components in the hk700 series. The outlet is unswitched and provides power at all times as long as the unit is plugged in.